

“IT IS NOT WHAT YOU KNOW, ITS WHAT YOU USE IT FOR MAKES THE DIFFERENCE”

ARCHITECTURE

The imagination of our ancestors has come to life in form of the growing numbers of cities turning into metros, where one can see large numbers of skyscrapers, georgeous mansions, glamorous shopping malls and business complexes. All these are the identity of a modern city, which plays a measuring term to define a city how modern and urban it is. These modern day marvels are all products of the age old field, which has been token to human kind for a long time. This field is **ARCHITECTURE**. The term architecture can be used to mean a process, a profession or documentation. As a process, architecture is the activity of designing and constructing buildings and other physical structures by a person or a machine, primarily done to provide socially purposeful shelter. A wider definition often includes the design of the total built environment, from the macro level of how a building integrates with its surrounding man made landscape to the micro level of architectural or construction details and, sometimes, furniture. Wider still, architecture is the activity of designing any kind of system. As a profession, architecture is the role of those persons or machines providing architectural services. As documentation, usually based on drawings, architecture defines the structure and/or behavior of a building or any other kind of system that is to be or has been constructed.

VARIOUS SPECIALIZATIONS

| SPECIALIZATION | OVERVIEW | CAREER OPPORTUNITIES |
|-----------------------------|--|---|
| Landscape | Art of planning, design, management, preservation & rehabilitation of land & design of man made constructs | Architectural firms or special assignments |
| Architecture Conservation | Process through which the matrial, historical and design of immovable objects. field is closely allied with object or art conservation | Govt. organizations and departments dealing in museum or historical sites |
| Town & city planning | Deals with design of built environment from municipal and metropolitan perspective | Govt. sectors, Architectural firms and NGO's dealing in town planning |
| Urban | Process of shaping physical setting for life in city, town and villages. | Govt. sectors, Architectural firms and NGO's dealing in town planning |
| Building Engg. & Management | Deals with the engineering and management aspect of building projects | Major and International construction companies, counsultants and contractors. |
| Environmental | Refers to planning activity with object of preserving or enhancing environment or resources | Govt. organizations and NGO's working for environment issues |
| Transport | Involved with the siting transport facilities | Govt. organizations and town municipals |
| Navel | Construction of navel vessels | Ship building companies |

. PROGRAMMES OFFERD

| PROGRAMME OF STUDY | DISCRIPTION |
|------------------------------------|--|
| Bachelor of Architecture(B.Arch) | 5 year graduate degree in Architecture. Includes theoretical and compulsory, six month training. |
| Bachelors of Planning(B.Plan) | 4 year programme |
| Diploma in Construction Technology | 5 year undergraduate programme, recognized by AICTE AND AIU, equivalent to B.Tech |

P.T.O

National Aptitude Test in Architecture (NATA): The National Aptitude Test in Architecture (NATA) is an aptitude test that measures the talent of the applicant. i.e. the aesthetic sensitivity, critical thinking that have been acquired over a long period of time and that are related to specific field of study, i.e. Architecture. NATA is required for admissions to 1st year B.Arch. at all institutes / schools / colleges of Architecture in India (including NITs, IITs, Government Institutions, Government-aided Institutions, Universities, Deemed Universities and Private Universities, established by a Central or State Legislature and other private institutions), offering courses, leading to Bachelor 's degree in Architecture.

National Aptitude Test in Architecture is conducted by the National Institute of Advanced Studies in Architecture (NIASA), Pune, an Academic Unit of the Council of Architecture (CoA). The CoA is the final authority in India as far as regulating architectural education and architectural profession is concerned. Candidates, who are not admitted on the basis of valid NATA marks, will not be considered for registration as an Architect. It is a mandatory for every architectural Institution imparting 5-year B.Arch degree course in the country to join the NATA and to admit students on the basis of valid NATA score. After the conduct of NATA, all architectural institutions in the country are required to submit a list of students admitted in the B.Arch degree course, mentioning the total NATA score and total marks in qualifying examination, to the Council.

ELIGIBILITY

10+2 or equivalent from a recognized Board/University with Mathematics as a subject of examination with the least 50% aggregate marks is the minimum academic qualification for admission to first year of 5-year Arch degree course through NATA

IMPORTANT DATE: NATA is given from 1st January till 30th September every year at designated Test Centers

Website: www.nata.in

All India Engineering/ Architecture Entrance Examination – AIEEE: An All-India Engineering/Architecture Entrance Examination (AIEEE) is conducted by CBSE, Department of Secondary and Higher Education, Ministry of Human Resource Development in compliance with the directives of the Government of India, for admission to degree level courses in Engineering and Architecture in Central Universities, National Institutes of Technology, Deemed Universities and Institutions in the States/ UTs other than those covered by Joint Entrance Examination/ State Level Entrance Examination for paid or unpaid seats based on the score

ELIGIBILITY

Educational Qualification: The minimum academic qualification for admission through AIEEE is a pass in 10+2 (senior secondary Class XII) examination or its equivalent referred to as the qualifying examination from a recognized Board/University. Those appearing in 10+2 final or equivalent examination may also appear in AIEEE for consideration of provisional admission. Admission to AIEEE is meant for Indian nationals only.

AGE LIMIT:

Candidates between 16-24 years of age on the first day of October of the year of admission are eligible. In the case of SC, ST and PH candidates, upper age limit is relaxed by 5 years. Date of birth as recorded in the Secondary Education Board/University certificate only will be taken as authentic

| Papers | Course | Compulsory | Optional (Any) |
|-----------|--------------------|---|---|
| Paper- 1 | B.E/ B.Tech | Physics & Mathematics | Chemistry Bio-technology Computer Science Biology |
| Paper - 2 | B.Arch/ B.Planning | Mathematics with 50% marks in aggregate at 10+2 level | Physics, Chemistry, Computer Science Biology Engineering Drawing |

Date of exam: MAY

Website: www.aieee.nic.in